

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing Of Claims:

Please amend the claims as follows:

1. (Currently Amended) A record medium comprising an original data obtained by ~~superimposing~~ embedding an identification information ~~onto~~ into data comprising a presentation target data, to which an error correction encoding is performed.
2. (Currently Amended) The record medium according to claim 1, wherein said identification information has a plurality of partial identification informations, and said plurality of partial identification informations are separately ~~superimposed upon~~ embedded into a plurality of positions in the presentation target data to which said error correction encoding is performed.
3. (Currently Amended) The record medium according to claim 1, wherein said identification information is ~~superimposed upon~~ embedded into a data part stored in an area wherein a control information of contents data is recorded.

4. (Currently Amended) The record medium according to claim 1, further comprising an information to acquire ~~a superimposed~~ an embedded position of said identification information.

5. (Currently Amended) The record medium according to claim 1, wherein:
said identification information has a plurality of partial identification information indicating a superimposed position of said plurality of partial identification informations, and a plurality of position informations to acquire a position of said ~~superimposed~~ embedded position information,

a first position information to acquire the position of said ~~superimposed~~ embedded position information is recorded at a position obtained by converting said initial value information by a predetermined function or a position shown by a position obtained as a result of the conversion, and

a second or later position information is recorded in another position of the position obtained by converting a storage information of a position of a result when an information stored at another position of a side where said position information is not stored is further converted by said predetermined function in any positions obtained by a conversion result of said predetermined function, or a storage information at a position indicated to a position of a result of conversion one by one.

6. (Currently Amended) The record medium according to claim 1, wherein:
said identification information has a plurality of partial identification informations,

an information to acquire a ~~superimposed~~ an embedded position of said identification information has an initial value information, a ~~superimposed~~ an embedded position information indicating a ~~superimposed~~ an embedded position of said plurality of partial identification informations, and a plurality of position informations to acquire a position of said superimposed position information,

an initial position information is recorded at a position obtained by converting said initial value information by a predetermined function or a position shown by a position obtained as a result of conversion by said predetermined conversion formula, and

a position information after that is recorded at a position based on a data recorded by a predetermined distance at a position indicated by a position information obtained immediately before or a distance obtained by a predetermined conversion formula, or a position obtained by converting a position information obtained immediately before by a predetermined conversion formula.

7. (Currently Amended) The record medium according to claim 1, wherein a ~~superimposed~~ an embedded position of said identification information is given by a table form.

8. (Previously Presented) The record medium according to claim 1, wherein processing said presentation target data by one of scrambling and encoding using said identification information as a key occurs before the error correction encoding is performed.

9. (Currently Amended) A program stored in a computer readable medium, which when executed causes a processor to perform steps comprising:
encoding a presentation target data by error-correction-encoding; and
~~superimposing~~ embedding an identification information ~~onto~~ into data comprising the error-correction-encoded presentation target data.

10. (Previously Presented) The program stored in a computer readable medium according to claim 9, further comprising:
performing one of scrambling and encrypting said presentation target data using said identification information as a key.

11. (Currently Amended) A program stored in a computer readable medium, which when executed causes a processor to perform steps comprising:
reading information, including an identification information ~~superimposed onto~~ embedded into data comprising presentation target data, from a record medium;
extracting the identification information from the read information;
judging whether data stored in said record medium is an original data based on the identification information extracted, the original data including an error correction encoding, and
outputting a judgment result.

12. (Currently Amended) A program stored in a computer readable medium, which when executed causes a processor to perform steps comprising:

reading information, including an identification information ~~superimposed onto~~
embedded into data comprising presentation target data, from a record medium, the
record medium including an error correction encoding;

extracting the identification information from the read information; and

performing one of unscrambling and decrypting presentation target data using
the identification information as a key.

13. (Currently Amended) A method for creating a record medium in which an
original data is recorded, comprising:

error correction encoding a presentation target data; and

~~superimposing~~ embedding an identification information ~~onto~~ into data comprising
the encoded presentation target data.

14. (New) A record medium comprising an original data obtained by EXOR
operating an identification information with data comprising a presentation target data,
to which an error correction encoding is performed.

15. (New) The record medium according to claim 14, wherein said
identification information has a plurality of partial identification informations, and said
plurality of partial identification informations are separately EXOR operated with a
plurality of positions in the presentation target data to which said error correction
encoding is performed.

16. (New) The record medium according to claim 14, wherein said identification information is EXOR operated with a data part stored in an area wherein a control information of contents data is recorded.

17. (New) The record medium according to claim 14, further comprising an information to acquire an EXOR operated position of said identification information.

18. (New) The record medium according to claim 14, wherein:
said identification information has a plurality of partial identification information indicating a superimposed position of said plurality of partial identification informations, and a plurality of position informations to acquire a position of said EXOR operated position information,

a first position information to acquire the position of said EXOR operated position information is recorded at a position obtained by converting said initial value information by a predetermined function or a position shown by a position obtained as a result of the conversion, and

a second or later position information is recorded in another position of the position obtained by converting a storage information of a position of a result when an information stored at another position of a side where said position information is not stored is further converted by said predetermined function in any positions obtained by a conversion result of said predetermined function, or a storage information at a position indicated to a position of a result of conversion one by one.

19. (New) The record medium according to claim 14, wherein:
said identification information has a plurality of partial identification informations,
an information to acquire an EXOR operated position of said identification
information has an initial value information, an EXOR operated position information
indicating an EXOR operated position of said plurality of partial identification
informations, and a plurality of position informations to acquire a position of said
superimposed position information,
an initial position information is recorded at a position obtained by converting said
initial value information by a predetermined function or a position shown by a position
obtained as a result of conversion by said predetermined conversion formula, and
a position information after that is recorded at a position based on a data
recorded by a predetermined distance at a position indicated by a position information
obtained immediately before or a distance obtained by a predetermined conversion
formula, or a position obtained by converting a position information obtained
immediately before by a predetermined conversion formula.

20. (New) The record medium according to claim 14, wherein an EXOR
operated position of said identification information is given by a table form.

21. (New) The record medium according to claim 14, wherein processing said
presentation target data by one of scrambling and encoding using said identification
information as a key occurs before the error correction encoding is performed.

22. (New) A program stored in a computer readable medium, which when executed causes a processor to perform steps comprising:

encoding a presentation target data by error-correction-encoding; and

EXOR operating an identification information with data comprising the error-correction-encoded presentation target data.

23. (New) The program stored in a computer readable medium according to claim 22, further comprising:

performing one of scrambling and encrypting said presentation target data using said identification information as a key.

24. (New) A program stored in a computer readable medium, which when executed causes a processor to perform steps comprising:

reading information, including an identification information EXOR operated with data comprising presentation target data, from a record medium;

extracting the identification information from the read information;

judging whether data stored in said record medium is an original data based on the identification information extracted, the original data including an error correction encoding, and

outputting a judgment result.

25. (New) A program stored in a computer readable medium, which when executed causes a processor to perform steps comprising:

reading information, including an identification information EXOR operated with data comprising presentation target data, from a record medium, the record medium including an error correction encoding;

extracting the identification information from the read information; and

performing one of unscrambling and decrypting presentation target data using the identification information as a key.

26. (New) A method for creating a record medium in which an original data is recorded, comprising:

error correction encoding a presentation target data; and

EXOR operating an identification information with data comprising the encoded presentation target data.